

MEDICAL STORES FOR VESSEL CATEGORIES A, B & C

(see definitions on Page 2 of the Notice)

For any items marked the specified quantity is considered sufficient regardless of crew size.*

Owners and operators may, on the advice of a qualified medical practitioner or pharmacist, determine whether any additional or different quantities, products or equipment are required, taking into account the factors identified below and any other relevant consideration: the nature of the voyage and in particular ports of call, nature of the cargo, destination, number of crew, duration of voyage and type of work to be carried out during the voyage. For example, anti-malarial drugs may be appropriate if a ship is operating in tropical areas. (see MGN 257 (M) for guidance on immunisations and anti-malaria medication).

In this Annex columns are as follows:

- Column 1** Is the reference number in EC Directive 92/29. This is included for identification of treatments when seeking or receiving radio medical advice from any European Community Member State.
- Column 2** Is the statutorily required treatment which must be available to comply with the Regulations.
- Column 3** Is the recommended medicine and dosage strength which MCA considers best complies with the statutorily required treatment. Owners and operators may substitute exact equivalents on the advice of a qualified medical practitioner or pharmacist, provided they are satisfied that an equivalent level of treatment is assured.
- Column 4** Is the recommended quantity of medicine / equipment which MCA considers sufficient to provide treatment for 10 workers or for the crew of a lifeboat or life-raft.

Recommended quantities (Column 4) will not always reflect standard packs. In this case the recommendation is for the nearest available dispensing sales pack above the minimum recommended quantity. This will ensure the patient information leaflet is enclosed.

1 Ref. No.	2 Statutory Treatment Requirements	3 Recommended Medicine and Dosage Strength Representing best practice.	4 Recommended quantity for 10 workers		
			A	B	C
1. Cardio Vascular					
(a)	Cardio vascular analectics Sympathomimetics	Adrenaline / Epinephrine injection BP 0.5ml – adrenaline acid tartrate injection 1.0mg in 1ml (1 in 1000) and / or Epipen (Adrenaline 0.3mg)	10*	5*	-
			5	5	-

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			A	B	C
(b)	Anti-angina preparations	Glyceryl Trinitrate Spray 400 micrograms / metered 200 dose aerosol and transdermal patches 5mg x 2	1 unit	1 unit	1 unit
(c)	Diuretics	Furosemide / Furosemide i) 40mg tablets ii) 10mg in 1ml inj. (2ml ampoule)	28* 2	28* -	- -
(d)	Anti-haemorrhagics if there are women with potential for child bearing working on board (including uterotonics).	i) Phytomenadione (Vitamin K1) paediatric injection (0.2ml ampoule) ii) Ergometrine 500mcg , Oxytocin 5 units (1ml ampoule) (Syntometrine)	1* 2*	1* 1*	- -
(e)	Anti-hypertensive	Atenolol 50mg tablets	28	-	-
2. Gastro intestinal system					
(a)	Medicines for gastric and duodenal disorders • Histamine H2 receptor anti-ulcer antagonists • Antacid mucous mixture	Cimetidine 400mg tablets Proprietary Antacid of choice	60 As reqd	- As reqd	- -

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(b)	Anti-emetics	i) Prochlorperazine maleate 3mg buccal tablets ii) Promethazine hydrochloride 25mg per ml (1ml ampoules) iii) Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg	50* 10*	50* -	- -
(c)	Lubricant laxatives	Glycerol Suppository mould 4mg	12	-	-
(d)	Anti-diarrhoeals	Loperamide 2mg capsules	30	30	30
(e)	Intestinal antiseptics	i) Trimethoprim 200mg tablets ii) Ciprofloxacin 500mg tablets iii) Metronidazole 400mg tablets	Use 7(b) 7(a)ii 7(e)	Use 7(b) 7(a)ii 7(e)	- - -
(f)	Haemorrhoid preparations	Proprietary preparation of choice	As reqd	As reqd	-
3. Analgesics Anti – Spasmodics					
(a)	Analgesics, anti-pyretics and anti-inflammatory agents	i) Paracetamol 500mg tablets and ii) Ibuprofen 400mg tablets iii) Diclofenac sodium 50mg suppository	100 100 10	50 50 -	50 50 -

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(b)	Powerful analgesics	i) Codeine Phosphate 30mg tablets ii) Morphine Sulphate 10mg in 1ml injection (1ml ampoule) or Nalbuphine 10mg in 1ml injection	28 10 10	28 10 10	- - -
(c)	Spasmolytics	Hyoscine butylbromide 10mg tablets.	56	56	-
4. Nervous system					
(a)	Anxiolitics	i) Diazemuls injection 5mg per ml, (2ml ampoules) ii) Diazepam 5mg tablets	5* 28*	- -	- -
(b)	Neuroleptics	i) Chlorpromazine hydrochloride 25mg injection ii) Chlorpromazine hydrochloride 25mg tablets	5* 28*	- 28*	- -
(c)	Seasickness remedies	Hyoscine hydrobromide 0.3mg tablets or Cinnarizine 15mg	Use 2b(iii)	Use 2b(iii)	Use 2b(iii)
(d)	Anti-epileptics	Diazepam rectal dispenser 10mg in 2.5ml	5	5	-
5. Anti-allergics and Anti-anaphylactics					
(a)	H ₁ Anti-histamines	Cetirizine 10mg tablets	30*	30*	-

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(b)	Injectable /oral glucocorticoids	i) Hydrocortisone injection powder for reconstitution 100mg vial with 2ml water for injection / ready diluted 100mg in 1ml injection ii) Prednisolone 5mg tablets	3	1	-
6. Respiratory System					
(a)	Bronchospasm preparations	i) Salbutamol inhaler 100 micrograms per metered dose. 200 dose inhaler with volumatic ii) Beclomethasone 100 micrograms per metered dose inhaler	1	1	-
(b)	Anti-tussives	Proprietary cough mixture	As reqd	As reqd	-
(c)	Medicines used for colds and sinusitis	Paracetamol 500mg tablets or Proprietary cold remedy	Use 3a(i) As reqd	Use 3a(i) As reqd	- -

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7. Anti-infection					
(a)	Antibiotics	i) Benzylpenicillin – benzylpenicillin sodium 600mg injection (powder for reconstitution in a rubber capped and metal topped vial) and water for injection 2ml ii) Ciprofloxacin (as hydrochloride) 500mg tablets iii) Cefuroxime injection 750mg vial and water for injection iv) Erythromycin 250mg tablets v) Doxycycline 100mg capsules	10	2	-
(b)	Anti-bacterial /	Trimethoprim 200mg tablets	14	14	-
(c)	Urinary antiseptics				
(d)	Anti-parasitics	Mebendazole 100mg tablets	6*	6*	-
(e)	Intestinal anti-infectives	Metronidazole suppositories 1g	10	-	-
		Metronidazole 500mg or 400mg tablets	21	21	-
(f)	Anti-tetanus vaccines and immunoglobulin	i) Tetanus Vaccine (0.5ml ampoule) or Tetanus & Diphtheria Vaccine	5*	1*	-
		ii) Tetanus Immunoglobulin ampoule for injection	1*	-	-

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8. Compounds promoting rehydration, caloric intake and plasma expansion					
	WHO Generic Formula	Sodium chloride & dextrose rehydration salts sachets of Oral Rehydration Salts, Formula A. $\left\{ \begin{array}{l} \text{BP Oral powder in sachet to provide Na=35mmol,} \\ \text{K=20mmol, Cl=37mmol, HCO}_3^-= \\ \text{18mmol and glucose 200mmol when} \\ \text{reconstituted in a litre of water} \end{array} \right\}$ or Proprietary equivalent e.g. Dioralyte	1 Box (16-20)	1 Box (16-20)	-
9. Medicines for external use					
(a)	Skin Medicines				
	Antiseptic solutions	100ml solution or pre-impregnated wipes containing 0.015% w/v chlorhexidine and 0.15% w/v cetrimide	1* bottle or 1 pack wipes	1* bottle or 1 pack wipes	1* bottle or 1 pack wipes
	Antibiotic ointments	Neomycin / Bacitracin cream 15g tube	1	1	-
	Anti-inflammatory and analgesic ointments	i) Hydrocortisone 1% cream 15g tube ii) Proprietary NSAID gel / ointment	2 As reqd	- As reqd	- As reqd
	Anti-mycotic skin creams	i) Benzoic ointment BP 50mg(benzoic acid 6%; salicylic acid 3%, in emulsifying ointment 15g ii) Miconazole nitrate 2% topical cream 30g iii) Clotrimazole 500mg pessary (if women onboard).	3 2 2	1 1 1	- - -
	Burn preparations	i) Silver Sulphadiazine 1% cream 50g tube ii) Proprietary antiseptic cream	2 -	1 -	- 1

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		Miscellaneous skin preparations i) Permethrin 1% in a base containing isopropylalcohol 20% Cream Rinse ii) Zinc ointment, BP (containing zinc oxide 15%) 25g iii) Potassium permanganate crystals 10g container / Permitabs pack	2*	-	-
			1*	-	-
			1*	-	-
(b)	Eye Medicines				
	- Antibiotic ointment	Chloramphenicol 1% 4g tube	4	1	-
	- Antibiotic drops	<i>All eye drops are recommended in Minimum (single dose) form:</i>			
	- Anti-inflammatory drops	Neomycin sulphate 0.5% 0.5ml	20	20	-
	- Anaesthetic drops	Dexamethasone sodium phosphate 0.1% 0.5ml	20	20	-
	- Hypotonic drops	Amethocaine hydrochloride 0.5% 0.5ml	20	20	-
	- Diagnostic drops	Pilocarpine nitrate 2% 0.5ml	20	20	-
		Fluorescein sodium 1% 0.5ml (for detection of foreign bodies / scratches / ulcers)	20	20	-
(c)	Ear/ Nasal Medicines				
	Antibiotic / anti inflammatory solution	Antibiotic eardrops containing in each ml; neomycin 3,400 units, polymixin B sulphate 10,000 units, hydrocortisone 50mg (5ml dropper bottle)	1*	1*	-

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		Decongestant solution : Ephedrine nasal drops BP 0.5% ephedrine hydrochloride (10ml bottle)	1*	1*	-
(d)	Medicines for oral and throat infections				
	Antibiotic or antiseptic mouthwashes	Chlorhexidine gluconate 0.2% mouthwash 300 ml	1	1	-
(e)	Local anaesthetics				
	Local anaesthetics given by subcutaneous injection hydrochloride 1% 50mg in 5ml for injection	Lignocaine / Lidocaine	5	5	-
	Local anaesthetic gel	Lignocaine / Lidscaine gel 2%, chlorlexidine 0.25% in lubricant (syringe)	1	-	-
	Dental anaesthetics and antiseptic mixtures	i) Proprietary gel e.g. Bonjela ii) Oil of Cloves 10ml	1 1*	1 1*	- -

MEDICAL EQUIPMENT

Statutory Requirements	Recommended Specification	Quantity		
		A	B	C
1. Resuscitation Equipment				
Appliance for the administration of oxygen	<p><i>Oxygen giving set comprising of the following:-</i></p> <ol style="list-style-type: none"> 1) Oxygen reservoir (e.g. D Size 300ltr cylinder) 2) 1 flow meter unit giving a minimum setting of not less than 4ltrs per minute 3) 1 pressure regulating unit 4) 1 set of tubing 5) 5 x 24% oxygen disposable face masks 6) 5 x high concentration oxygen disposable face masks with a reservoir. <p>Each part constructed so that it can only be assembled in the correct manner</p>	1	1	-
Mechanical aspirator to clear upper respiratory passages	Aspirator to clear airways (manual, hand operated) + 2 catheters	1	1	-
Equipment for mouth to mouth resuscitation	Pocket face mask with valve and O ₂ inlet Guedal Airway Sizes 3 & 4	1 1	1 1	1 -
2. Dressing and suturing equipment				
Disposable skin stapler /or suture kit (including staple remover)	1) Sterile non-absorbable sutures swaged to a half circle needle with a cutting edge 2 sizes e.g. 16mm & 26mm	6	-	-
	2) Sterile absorbable sutures swaged to a half circle needle 1 size e.g. 26mm	3	-	-

<i>Statutory Requirements</i>	<i>Recommended Specification</i>	<i>Quantity</i>		
		<i>A</i>	<i>B</i>	<i>C</i>
Adhesive elastic bandage	Adhesive elastic bandage 7.5cm x 4m	4	1	1
Tubular gauze bandage, for finger dressings	Crepe bandage 7.5cm x 4m	4	4	-
Disposable gloves	20m length with applicator	1	1	-
Adhesive dressings	Latex free, vinyl	25prs	25prs	5prs
Sterile bandages with unmedicated dressings (Ambulance dressings)	Assorted sterile (1) medium, No.1 (12x10) cm (2) large, No.2 (20x15) cm (3) extra large, No.3 (28x20) cm	40	40	20
Adhesive sutures	75mm adhesive suture strips	5	3	2
Sterile gauze swabs	Packet containing 5 sterile gauze pads size 7.5cm x 7.5cm	5	3	2
Sterile sheet for burns victims		4	2	1
Triangular sling / bandage		6	6	6
Paraffin gauze dressings, size 10cm x 10cm		10	5	1
3. Instruments				
Disposable scalpels	e.g. 10 blades	1	1	-
Stainless steel instrument box		2	-	-
Scissors	Stainless steel dressing scissors Sharp pointed scissors toothed	1	1	-
Dissecting forceps		1	1	-
Haemostatic clamps		1	1	-
Needle forceps		1	-	-
Disposable razors		5	-	-
4. Examination and monitoring equipment				
Disposable tongue depressors		10	10	-
Reactive strips for urine analysis	e.g. Multistix	1 pack	-	-

Statutory Requirements	Recommended Specification	Quantity		
		A	B	C
Temperature charts		1 pad	1 pad	-
Medical evaluation reports		1 pad	-	-
Pregnancy test kit	When women on board	1	-	-
Stethoscope		1	1	-
Aneroid sphygmomanometer		1	1	-
Standard clinical thermometer		3	1	-
Hypothermic thermometer low reading rectal thermometer		1	1	-
Sputum cup with cover	Disposable	2	-	-
Specimen jars	Strong glass or plastic with airtight lid 50 ml with blank labels	2	-	-
5. Equipment for injection, perfusion, puncture and catheterization				
Bladder drainage	Bladder drainage set (including bag, spigots and tube)	1	-	-
Rectal drip set		1	-	-
Urine drainage bag	Use bladder drainage set	Use 5 (1)	-	-
Disposable syringes	2ml, 5ml, 10ml	10 of each	5 of each	-
Disposable hypodermic needles	(21G) 0.8mm and (25G) 0.5mm	30	15	-
"Sharps" disposal box	1 litre size	1	1	-
Catheter	1) Foley type 16 Charriere gauge, 5 ml balloon (short / medium term use in adults) 2) Nelaton size 16 Charriere gauge (with no balloon) 3) Penile sheath set	1	-	-
1		1	-	-
6. General Medical Equipment				
Bedpan	(stainless steel or sterilisable plastic)	1	-	-
Hot water bottle	With fabric cover	1	-	-
Urine bottle (urinal)		1	-	-
Icebag		1	-	-

<i>Statutory Requirements</i>	<i>Recommended Specification</i>	<i>Quantity</i>		
		A	B	C
7. Immobilization and setting equipment				
Malleable finger splint		1	1	-
Malleable forearm and hand splint		1	1	-
Splints – simple, vacuum (inflatable only if others unavailable)	Set of four (half leg, full leg, half arm and full arm)	1	1	-
Thigh splint - (Traction)	e.g. Thomas splint, Donway etc.	1	1	-
Collar for neck immobilisation – (semi-rigid)	Adult size pack of 3, small, medium and large or adjustable collar	1	1	-
8. Disinfection, Disinsectization and Prophylaxis				
Water – disinfection compound	In liquid form - litres	5	-	-
Liquid insecticide	In liquid form - litres	5	-	-
Powder insecticide				

RECOMMENDED ADDITIONAL MEDICAL EQUIPMENT

<i>Recommended Additional Equipment</i>	<i>Quantity</i>		
	A	B	C
Face masks disposable	6	6	-
Plastic measuring jug 1/2 litre size	1	1	-
Disposable paper towels	100	100	-
Latex free sterile surgical disposable gloves (large)	5prs	5prs	-
Waterproof plastic sheeting, size 1m x 2m	2	1	-
Lotion bowl (size at least 200mm x 90mm, stainless steel or sterilisable plastic, to be marked "medical")	1	-	-
Kidney dish (size 250mm stainless steel or sterilisable plastic)	1	-	-
Safety pins, rustless medium	6	6	6

Recommended Additional Equipment	Quantity		
	A	B	C
Magnifying glass 7.5cm diameter with handle	1	1	
Nail brush	1	1	
Stretcher equipment (A system for trauma management, i.e. immobilisation and stretcher equipment most suited for treatment on the vessel concerned)	-	1	-
Body bag – large size	1	1	
Vessels in malarial areas only – microscope slides in individual transit containers	5	5	
1) Excavator double ended Guys’ pattern G2	1 Set of all items	-	-
2) Filling paste inserter (for inserting filling paste into the tooth)			
3) Dental mirror size 4 on handle			
4) Cavit (temporary dental filling) tube			
Scissors stainless steel or disposable			1pr
Triangular bandages about 90cm x 127cm			4
Sterile paraffin gauze dressings			10
Plastic burn bags			1
<p>Kit for protection against blood transmitted diseases (to be carried in all vessels trading in malarial areas where medical facilities are limited and emergency shore based treatment is necessary)</p> <p><i>(To be kept in heavy gauge polythene bag, and labelled “to be used only for the treatment of...” Insert the name of the seafarer going ashore for emergency treatment).</i></p> <p><i>Each kit to contain the following :</i></p> <p>(1) 10 x 2 ml syringes (2) 10 x 10 ml syringes (3) 20 x 21G 0.8mm needles (4) 1 blood giving set (5) 1 blood taking set (6) pack of pre injection site swabs (7) Disposable latex free gloves 2 pairs (large size)</p>	1	-	-